

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER BONANZA 1023-17H2CS
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT NATURAL BUTTES
4. TYPE OF WELL Gas Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>		5. UNIT or COMMUNITIZATION AGREEMENT NAME PONDEROSA
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. OPERATOR PHONE 720 929-6515
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217		9. OPERATOR E-MAIL julie.jacobson@anadarko.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU37355	11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>	
19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	399 FSL 709 FEL	SESE	8	10.0 S	23.0 E	S
Top of Uppermost Producing Zone	1805 FNL 486 FEL	SENE	17	10.0 S	23.0 E	S
At Total Depth	1805 FNL 486 FEL	SENE	17	10.0 S	23.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 486	23. NUMBER OF ACRES IN DRILLING UNIT 1920
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 939	26. PROPOSED DEPTH MD: 8413 TVD: 7890
27. ELEVATION - GROUND LEVEL 5180	28. BOND NUMBER WYB000291	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8496


Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	11	8.625	0 - 2010	28.0	J-55 LT&C	0.2	Type V	180	1.15	15.8
							Class G	270	1.15	15.8
Prod	7.875	4.5	0 - 8413	11.6	I-80 LT&C	12.5	Premium Lite High Strength	260	3.38	12.0
							50/50 Poz	1220	1.31	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Danielle Piernot	TITLE Regulatory Analyst	PHONE 720 929-6156
SIGNATURE	DATE 09/24/2012	EMAIL danielle.piernot@anadarko.com
API NUMBER ASSIGNED 43047532280000	APPROVAL  Permit Manager	

1/4 Corner:
Found 1995
Aluminum Cap in
Pile of Stones.

8

ELEV. UNGRADED GROUND = 5186.6'

Found 1995
Aluminum Cap in
Pile of Stones.

N0°04'W - 40.02 (G.L.O.)
N00°08'32''W - 2641.47' (Meas.)

N00°11'05"E - 2585.58' (Meas.)

N00°16'E
80.34 (G.L.O.)

Found 1995
Aluminum Cap in
Pile of Stones.

Found 1995
Aluminum Cap in
Pile of Stones.

Found 1995
Aluminum Cap
with Pile of Stones

S89°41'W - 40.00 (G.L.O.)
S89°36'28"W - 2640.05' (Meas.)

S89°42'W
39.83 (G.L.O.)
2627.43' (Meas.)
S89°37'07"W

Well Surface
Position

N00°09'26"E - 2641.76' (Meas.)
N00°14'E - 40.02 (G.L.O.)

Found 1995
▲ Aluminum Cap in
Pile of Stones.

N00°08'23"W (Basis of Bearings)
2644.47' (Measured)
N00°02'W - 40.06 (G.L.O.)

Found 1995
Aluminum Cap in
Pile of Stones.

N00°04'15"W
5280.08' (Meas.)

1/4 Corner :
Found 1995
Aluminum Cap in
Pile of Stones.

▲ = Section Corners Located

1. Well footages are measured at right angles to the Section Lines.
2. G.L.O. distances are shown in feet or chains.
1 chain = 66 feet.
3. The Bottom of hole bears S05°52'05"E 2213.91' from the Surface Position.
4. Bearings are based on Global Positioning Satellite observations.
5. Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

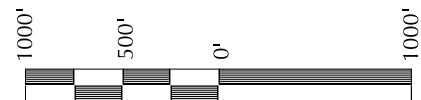
Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD: BONANZA 1023-8P

BONANZA 1023-17H2CS
WELL PLAT

1805' FNL, 486' FEL (Bottom Hole)
SE $\frac{1}{4}$ NE $\frac{1}{4}$ OF SECTION 17, T10S, R23E,
S.L.B.&M., UINTAH COUNTY, UTAH.

CONSULTING, LLC
2155 North Main Street
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182



SCALE

CERTIFY THAT THE ABOVE PLAN WAS PREPARED
NOTES OF ACTUAL SURVEYS MADE BY ME OR
SUPERVISION AND THAT THE SAME ARE TRUE
AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

11-30-11
No. 6028691
JOHN R. LAUGH
PROFESSIONAL LAND SURVEYOR
REGISTRATION No. 6028691
STATE OF UTAH

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED:
10-13-11

SURVEYED BY: W.W.

SHEET NO:

DATE DRAWN:
11-21-11

DRAWN BY: T.J.R.

2

SCALE: 1" = 1000'

Date Last Revised:

2 OF 18